Please type a plus sign (+) inside this box

| Attorney Docket No. |  | 33394US1                |
|---------------------|--|-------------------------|
| First Inventor      |  | Kazuaki Mino            |
|                     |  | Alloy Casting, And Meth |
|                     |  |                         |

| A DRI LCA TION ELEMENTS  Assistant Commissioner for Patents   |   |  |   |  |                  |                 |  |  |  |
|---|---|--|---|--|------------------|-----------------|--|--|--|
| APPLICATION ELEMENTS  |   |  |   | ADDRESS TO: Box Patent Application   |                  |                 |  |  |  |
| See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231   |   |  |   |  |                  |                 |  |  |  |
|   | orm (e.g., PTO/SB/17) duplicate for fee processing) | 7. CD-ROM or CD-R in duplicate, large table or                                   |   |  |                  |                 |  |  |  |
| Applicant claims s  | - · · · -   | Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission |   |  |                  |                 |  |  |  |
| 2. See 37 CFR 1.27.   |   |  | (if applicable, all necessary)  |  |                  |                 |  |  |  |
| 3. X Specification [Total Pages 18]   |   |  | a. Computer Readable Form (CRF)   |  |                  |                 |  |  |  |
| - Descriptive title of the invention  |   |  | b. Specification Sequence Listing on:   |  |                  |                 |  |  |  |
| <ul> <li>Cross Reference to Related Applications</li> <li>Statement Regarding Fed sponsored R &amp; D</li> </ul>  |   |  | i. CD-ROM or CD-R (2 copies); or  |  |                  |                 |  |  |  |
| - Reference to sequence listing, a table,   |   |  | í i, paper  |  |                  |                 |  |  |  |
| or a computer program listing appendix - Background of the Invention  |   |  | c. Statements verifying identity of above copies                                |  |                  |                 |  |  |  |
| Brief Summary of the Invention  |   |  |   |  |                  |                 |  |  |  |
| <ul> <li>Brief Description of the Drawings (if filed)</li> </ul>  |   |  | ACCOMPANYING APPLICATION PARTS  |  |                  |                 |  |  |  |
| - Detailed Description<br>- Claim(s)  |   |  |   | 9. X Assignment Papers (cover sheet & document(s))                         |                  |                 |  |  |  |
| - Abstract of the Disclosure  |   |  |   | 10. 37 CFR 3.73(b) Statement Power of Attorney                             |                  |                 |  |  |  |
| 4 X Drawing(s) (35 U.S.C. 113) [Total Sheets 4]   |   |  |   | 11. English Translation Document (if applicable)                           |                  |                 |  |  |  |
| 5. Oath or Declaration [Total Pages 3]  |   |  | 12. X Information Disclosure Statement (IDS)/PTO-1449 X Copies of IDS Citations |  |                  |                 |  |  |  |
| a. Newly executed (original or copy)  |   |  | 13. X Preliminary Amendment   |  |                  |                 |  |  |  |
| b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)  |   |  |   | 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) |                  |                 |  |  |  |
| i. DELETION OF INVENTOR(S)  |   |  | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)     |  |                  |                 |  |  |  |
| Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR   |   |  |   | 16. Nonpublication Request under 35 U.S.C. 122                             |                  |                 |  |  |  |
| 1.63(d)(2) and 1.33(b).   |   |  |   | (b)(2)(B)(i). Applicant must attach form PTO/SB/35                         |                  |                 |  |  |  |
| 6. Application Data Sheet, See 37 CFR 1.76  |   |  |   | or its equivalent.   |                  |                 |  |  |  |
|   |   |  | 17.   | X Other: CHECK   |                  | *************   |  |  |  |
|   | CATION, check appropriate box, and                  | l supply t   | he requ   | iisite information below a   | and in a prelimi | nary amendment, |  |  |  |
| or in an Application Data She   | F1  | (CID)  |   |  | , 824,976        | 5               |  |  |  |
| Continuation (CIP) of prior application No.   |   |  |   |  |                  |                 |  |  |  |
| Prior application Information: Examiner Sikyin Ip Group Art Unit: 1742  |   |  |   |  |                  |                 |  |  |  |
| For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. |   |  |   |  |                  |                 |  |  |  |
| The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.   |   |  |   |  |                  |                 |  |  |  |
| 19. CORRESPONDENCE ADDRESS  |   |  |   |  |                  |                 |  |  |  |
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|   |   |  |   |  |                  |                 |  |  |  |
| Signature   | Monald Miller                                       | 7  |   |  | Date Aus         | gust 8, 2003    |  |  |  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.